

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/050302A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G21C1/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KRAKOWSKI R A: "ACCELERATOR TRANSMUTATION OF WASTE ECONOMICS" NUCLEAR TECHNOLOGY, AMERICAN NUCLEAR SOCIETY. LA GRANGE PARK, ILLINOIS, US, vol. 110, no. 3, 1 June 1995 (1995-06-01), pages 295-319, XP000511490 ISSN: 0029-5450 page 302 - page 304; figure 2 page 316 - page 319 ----- -/-	1-6, 11, 12

☒ Further documents are listed in the continuation of box C.☐ Patent family members are listed in annex.

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Date of the actual completion of the international search

25 May 2005

Date of mailing of the international search report

21/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SEGEV M ET AL: "TRANSMUTATION OF NEPTUNIUM, AMERICIUM, TECHNETIUM AND IODINE IN FAST SPECTRUM CORES DRIVEN BY ACCELERATED PROTONS" NUCLEAR SCIENCE AND ENGINEERING, ACADEMIC PRESS, NEW YORK, NY, US, vol. 122, no. 1, January 1996 (1996-01), pages 105-120, XP008008570 ISSN: 0029-5639	1,6,7, 9-11
A	page 106 - page 114	2
X	TAKAHASHI H: "Transmutation of high-level radioactive waste by a charged-particle accelerator" NUCLEAR TECHNOLOGY, AMERICAN NUCLEAR SOCIETY, LA GRANGE PARK, ILLINOIS, US, vol. 111, no. 1, 1995, pages 149-162, XP002162557 ISSN: 0029-5450	9,10
A	the whole document	1,2,6,7
X	A. GANDINI, M. SALVATOIRES AND I. SLESSAREV: "Coupling of reactor power with accelerator current in ADS systems" ANNALS OF NUCLEAR ENERGY, vol. 27, no. 13, 28 April 2000 (2000-04-28), pages 1147-1165, XP002274469 cited in the application	9,10
A	the whole document	1,2
A	A. LETOURNEAU: "NEUTRON PRODUCTION IN BOMBARDMENTS OF THIN AND THICK W, HG, PB" NUCLEAR INSTRUMENTS AND METHODS IN PHYSICS RESEARCH B, vol. 170, no. 3-4, 8 September 2000 (2000-09-08), pages 299-322, XP002274468 cited in the application abstract paragraphs '0001!', '0002! paragraph '04.4!; figure 16	1-3,6, 9-11

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